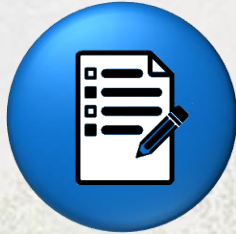# PFIRS

- **Overview**
- **Advantages**
- **Training**

Jason Branz
California Air Resources Board

Communication and Coordination

Air Regulators

- California Air Resources Board
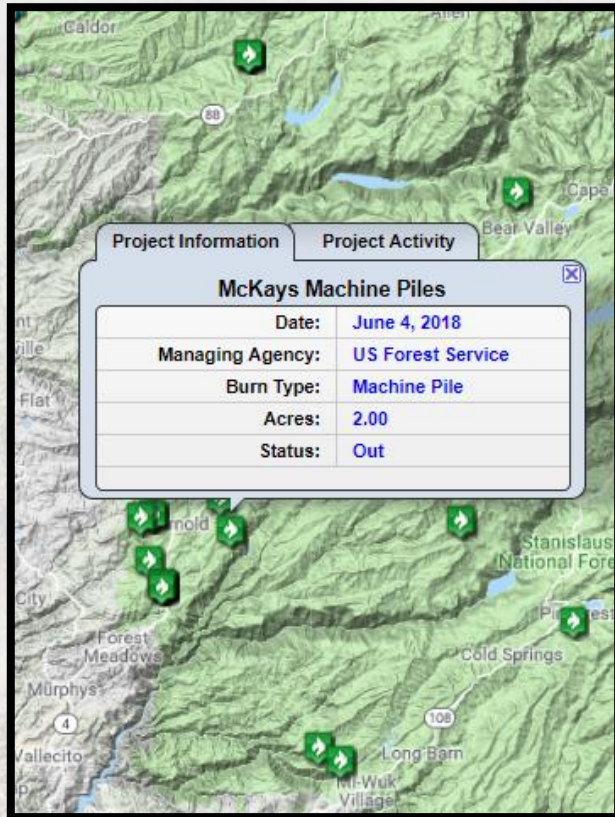- Local air districts

Land Managers

- Federal & State (USFS, CalFire)
- Local (Utilities, Fire Depts)

General Public

- View burn projects
- Get burn day forecast

PFIRS

- # Prescribed burn map
  - View projects for today
  - View future and past projects

- # Burn forecast
  - View the next day's burn decision
  - View the dispersion outlook out to 4 days

- # Other functions
  - View air district contact information
  - Fire Information map

PFIRS

- # Burn Day Decision
  - Access the next days' burn decision
  - View the dispersion outlook for the next 4 days

- # Smoke Management Plans
  - Enter a complete SMP for approval by the local air district
  - Copy previous years' plans into new plans

- # Ignition Requests
  - Request ignition authorization from the air district

- # Completed Acreage
  - After burning enter the acreage burned

PFIRS

Air Regulators

- ## Smoke Management Plans
  - Approve smoke management plans from land managers
  - Share plans with other districts if they may be affected

- ## Ignition Authorization
  - Review ignition requests from land managers and approve or deny

- ## Completed Acreage
  - Receive reports from land managers
  - CARB staff can access completed acreage reports

PFIRS

Smoke Management Plans

Enter → Submit → Review

- **Enters a Smoke Management Plan**
- **Include burn units**
- **Attach project maps**

- **Submit plan to air district**
- **Email notification is generated**

- **Receives email notification**
- **Reviews plan**
- **Takes action**

PFIRS

Air District Actions

Land Managers

Air Regulators

Land manager can now request ignition from this plan

If all information is good, plan is approved

Land manager must make requested change(s) and re-submit

If more information is needed, plan is returned with comments

PFIRS

Ignition Requests and Authorizations

Choose Unit → **Submit** → **Review**

- Select burn unit(s) from approved SMP
- Indicate burn date and acres

- Submit request to air district
- Email notification is generated

- Receives email notification
- Reviews request and takes action

PFIRS

Ignition Requests and Authorizations

Burn > **Notify** > **Authorize**

Burn
- Receives email notification
- Coordinate with district
- Fire on the ground

Notify
- Email notification is generated

Authorize
- Consider local factors
- Authorize or Deny

PFIRS

Completed Acreage Reports

Authorization	Submit	View

Authorization
- Select completed ignition authorization
- Indicate burn date and acres completed

Submit
- Submit report to air district
- Email notification is generated

View
- Receives email notification
- Views the report

PFIRS

Current Burn Reports

Who uses this report?

- Land managers who are burning in an area where the air district does not participate in PFIRS

General Information

- Project Name
- Project Type
- Planned Burn Date
- Project Acres
- Burn Status

Project Location

- Latitude/Longitude
- Legal Location
- County
- Air District

PFIRS

Putting it All Together

CARB

Map of Burns → **Public**

Acreage Burned

Burn Day Status

Burn Day Forecast

PFIRS

Smoke Management Plans

Current Burn Reports

Approves Smoke Management Plans

Land Managers

Ignition Request

Ignition Authorization

Air Districts

PFIRS Mobile Site
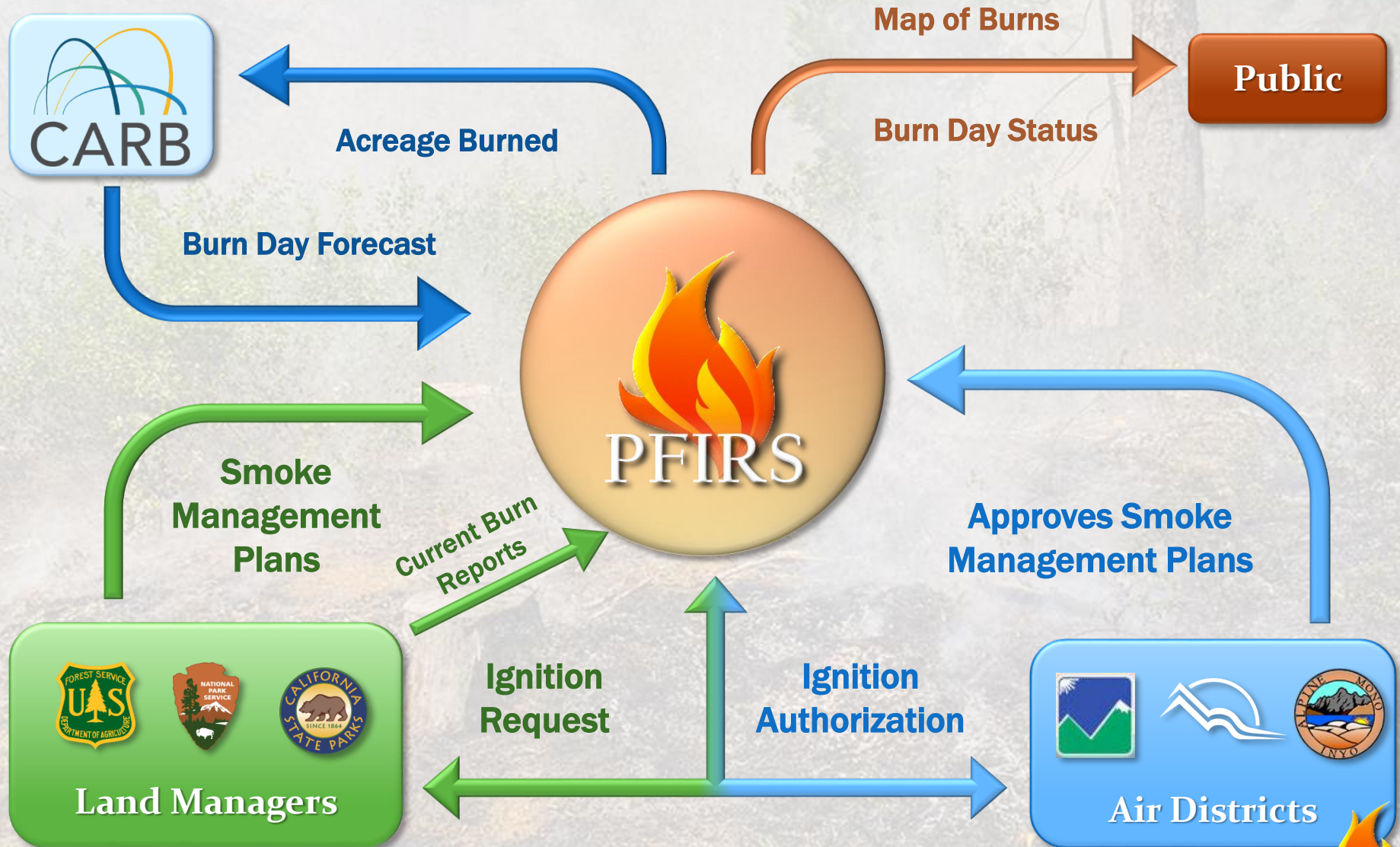
- https://ssl.arb.ca.gov/pfirs/mobile/
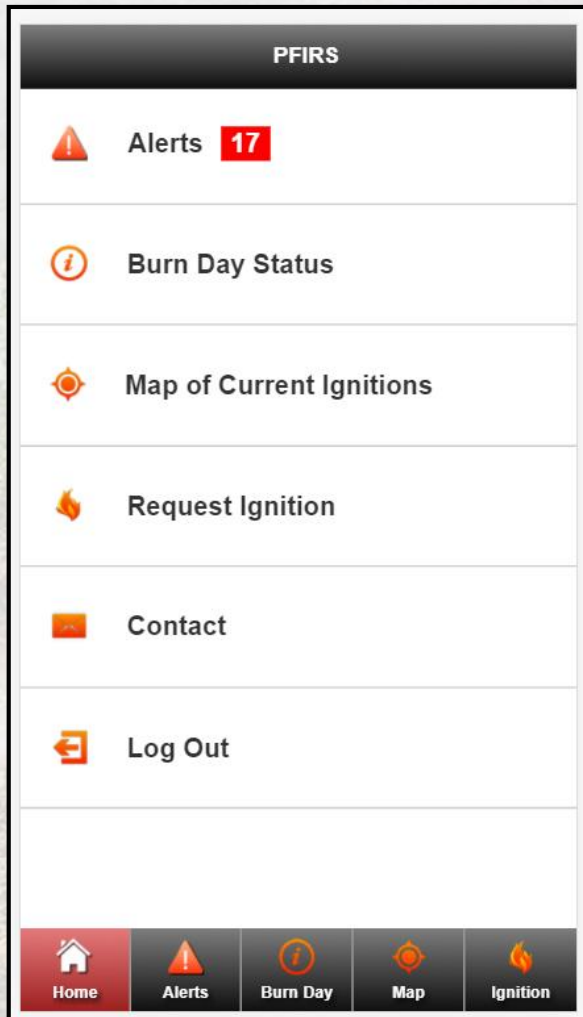
- Mobile website (not an app)

- Same login as desktop PFIRS

- Alerts (Ignition and SMP)

- Burn Day Status

- Map of Ignitions

- Request Ignition Authorization

- Contact Administrator

- # Prescribed burn map
  - View projects for various agencies for desired burn date
  - View projects for future dates

- # Burn forecast
  - Check next day's burn decision
  - Plan resources based on dispersion outlook

- # Improved communication
  - Better coordination with air regulators
  - Acreage reporting

PFIRS

- # Prescribed burn map
  - View projects authorized by neighboring air districts
  - Coordinate with other districts to manage smoke from prescribed burning

- # Burn forecast
  - Check next day's burn decision
  - Plan authorizations based on dispersion outlook

- # Year-end reporting
  - Acreage reports in PFIRS can be accessed by ARB staff

PFIRS

What's New in PFIRS?
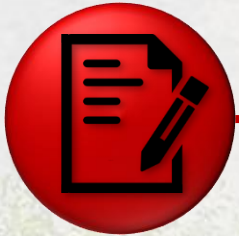
New Smoke Plan

- A more streamlined version of the Smoke Management Plan is being released for beta-testing

Burn Day Utilization

- Types and amounts of burning taking place during burn days

EBAM Request

- Air districts can request EBAMs through PFIRS for monitoring

PFIRS

EBAM Request

- Air districts can use PFIRS to request EBAMs from ARB

- Request must be made at least one week in advance

- Request can be made for prescribed fire or residential wood smoke monitoring

PFIRS

EBAM Request

EBAM Request

EBAM Request

- ## Timing
  - Fall 2018 – Spring 2019
  - Dependent on demand and other training schedules

- ## Multiple Sessions
  - 5-10 training sessions based on demand
  - Will do sessions in various parts of the state

- ## Where?
  - Depends on demand
  - Can visit air district offices for combined land manager/air district training

PFIRS

PFIRS Training – Land Managers

- ## New accounts
  - How to submit account request

- ## Smoke management plans
  - Complete SMP
  - Submitting to district
  - Copy plans

- ## Ignition requests
  - Choose unit to burn
  - Submit request to district

- ## Completed acreage reports
  - Submit report to district

- ## Current Burns
  - Enter burn project for the map

PFIRS

- ## Smoke management plans
  - Review SMP
  - Approve or return SMP

- ## Coordination
  - Share SMPs with other districts
  - Review plans that affect multiple districts

- ## Ignition authorizations
  - Review requests from land managers
  - Approve ignition without land manager request

- ## Completed acreage reports
  - Receive reports from land managers
  - Remind land managers
  - Year-end reports for ARB

PFIRS

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PFIRS